

Equipment - Readers

EL301 - MICROWELL STRIP READER

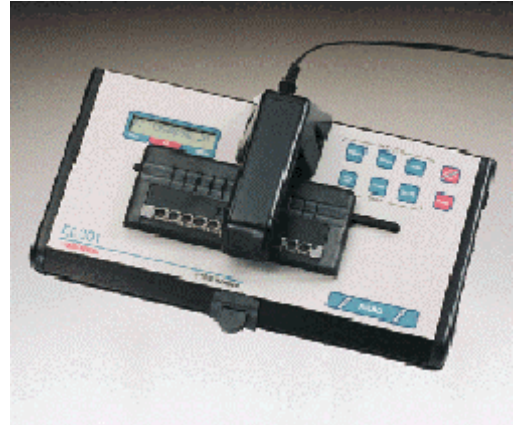
Bio-Tek's EL301 Microwell Strip Reader Is A Portable, Rugged, Single/Dual Wavelength Photometer Designed To Measure And Interpret The Absorbances Of Microwell Strip Assays.

Flexible enough to accommodate flat or round bottom 8-well, 12-well, and 2 x 8-well strips, the EL301 provides an affordable alternative for all your qualitative assays, as well as the precision, accuracy, and data processing capability required for quantitative clinical tests.

The on-board microprocessing system allows you to choose from four internal user-defined computer programs, each accessed with the touch of a pad:

- **Single or Dual Wavelength:** Display absorbances.
- **Linear Regression:** Enter up to 5 standards to determine sample concentrations.
- **Limit Thresholds:** Define cutoff values to determine \pm results of absorbances or concentrations.
- **Difference:** Determine delta absorbances.

Well locations, absorbance values, and results are displayed on the large LCD display. Standards and blanks may be carried over from strip to strip within each program. Data may be stored in the EL301's memory, printed out, and sent to a computer for more detailed analysis. Up to 12 plates (1152 wells) can be stored in memory.



Specifications:

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|-------------------|---|
| Format: | - 1 Reader. |
| Plate Type: | - 8-, 12-, and 2 x 8-Well Strips. |
| Light Source: | - Tungsten Halogen Bulb. |
| Absorbance Range: | - 0.000 to 2.500 Abs. |
| Wavelength Range: | - 380 to 700 nm. |
| Linearity: | - +/- 1% from 0.000 to 2.000 Abs. |
| Repeatability: | - +/- 1% +/- 0.005 Abs from 0.000 to 2.000. |
| Read Method: | - End Point. |
| Product ID #: | - Q9301 |